

Notice of Allowability

Application No.

10/669,488

Applicant(s)

HEINZEROTH, JERRY E.

Examiner

Art Unit

Mariano Sy

3683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to February 21, 2006.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JAMES MCCLELLAN
SUPERVISORY PATENT EXAMINER
5/4/06

EXAMINER'S AMENDMENT

1. In view of the allowance of the generic claim 1, previously withdrawn dependent claims 16, 19, and 20 are now allowable.

2. The drawings filed on September 23, 2003 and February 21, 2006 are accepted by the Examiner.

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Thomas E. Frantz on May 1, 2006.

4. The application has been amended as follows:

Claim 16, line 2 "Device" has been changed --device--,

Claim 18, lines 65-66 "their inner position" has been changed --said inner position--,

Claim 19, line 3 "said circular aperture" has been changed --said circular sleeve--,

Claim 19, line 5 "said circular aperture" has been changed --said circular sleeve--,

Claim 20, line 2 "said circular aperture" has been changed --said circular sleeve--,

Claims 21 and 22 are canceled.

REASONS FOR ALLOWANCE

5. Claims 1-20 are allowed.

6. The following is an examiner's statement of reasons for allowance:

Kurz (US 6,513,988) disclosed, as shown fig. 1-2, a bearing device for a threaded spindle has a bearing housing with a clamping bushing, configured to receive a bearing part of the threaded spindle, for securing the bearing part by fluid-operated elements. The clamping bushing has a wall that is elastically deformable by a pressure medium. The wall and the bearing housing define an annular chamber configured to receive the pressure medium. A control unit is provided to control the pressure of the pressure medium and thus the clamping action of the clamping bushing.

However Kurz failed to disclose a piston pin moveable in a cylinder bore toward an inner position generating and transmitting pressure through the hydraulic liquid to expand the clamping bushing and an actuating piston engaging the piston pin and moving between inner and outer positions; and a biasing means moving the actuating piston and the piston pin toward the inner position to move the clamping bushing to clamp the rod and outer position to release the rod.

The aforementioned limitations and the arrangements thereof are not taught in the prior art. In light of the foregoing, the claims of present application are found to be patentable over prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariano Sy whose telephone number is 571-272-7126. The examiner can normally be reached on Mon.-Fri. from 8:30 A.M. to 2:30 P.M.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James McClellan, can be reached on 571-272-6786. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



M. Sy

May 2, 2006



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SUPERVISORY PATENT EXAMINER
5/4/06



Replacement Sheet

Fig. 4

